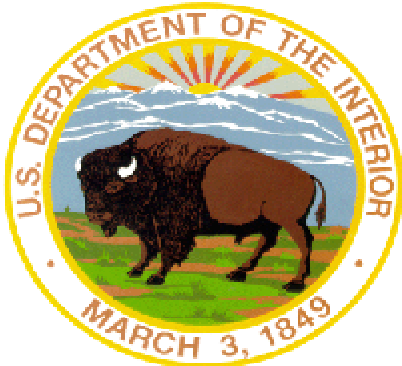


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- **Design – Build Project**
- **Location : Navajo Reservation - Prewitt, New Mexico**
- **Serve 390 Students, Grades K – 6**
- **Total Square Footage : 79,895**
- **Estimated Construction Cost : \$10,753,124 .00 (Building Only)**
- **Project also includes : support utilities, parking lot, entry drive, bus loading area, maintenance bldg., playground, landscaping and sewage lagoon.**

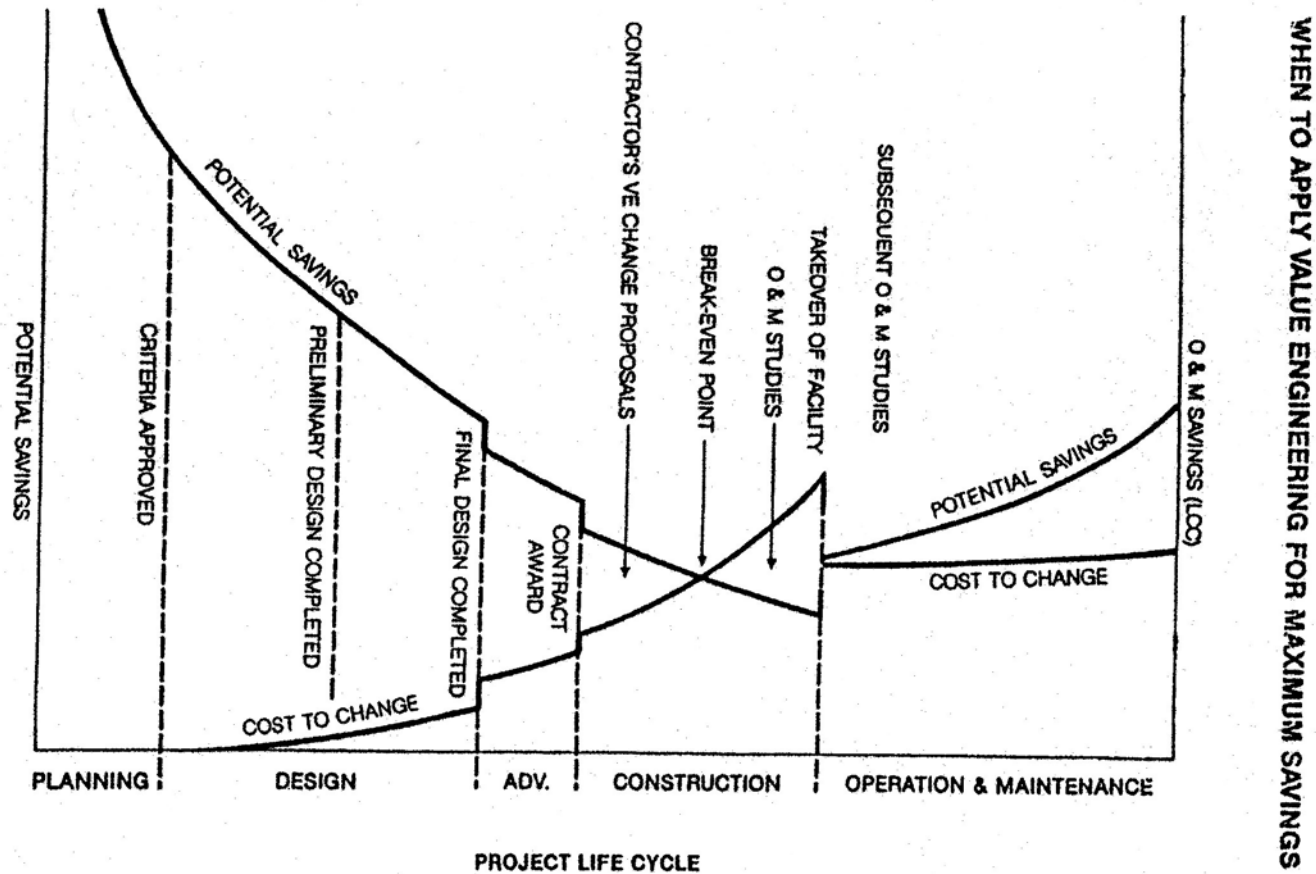
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- **The VE Study was accomplished immediately after the planning document stages.**
- **No actual quantities could be calculated, instead several construction methods were evaluated and unit cost comparisons.**

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Major Areas of Focus:

- **Exterior Wall Construction**
- **Roofing**
- **Parking Area**
- **Elevated Water Tank**
- **Flooring and Wall Coverings**
- **LEED Certification Project Features**

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LEED – Leadership in Energy and Environmental Design

Sustainable Sites	(14 Points)
Water Efficiency	(5 points)
Energy and Atmosphere	(17 Points)
Materials and Resources	(13 Points)
Indoor Environmental Quality	(15 Points)
Innovation and Design Process	<u>(5 Points)</u>
TOTAL	69 Points

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LEED – Leadership in Energy and Environmental Design

<u>LEED Rating</u>	<u>POINTS</u>
CERTIFIED	26 – 32
SILVER	33 – 38
GOLD	39 – 51
PLATINUM	52 - 69

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LEED Certification Project Checklist – Sustainable Sites

Erosion & Sedimentation Control (Required)

Site Selection

Development Density

Brownfield Redevelopment

Alternative Transportation, Public Transportation Access

Alternative Transportation, Bicycle Storage & Changing Rooms

Alternative Transportation, Alternative Fuel Vehicles

Alternative Transportation, Parking Capacity and Carpooling

Reduced Site Disturbance, Protect or Restore Open Space

Reduced Site Disturbance, Development Footprint

Stormwater Management, Rate and Quantity

Stormwater Management, Treatment

Landscape & Exterior Design to Reduce Heat Islands, Non-Roof

Landscape & Exterior Design to Reduce Heat Islands, Roof

Light Pollution Reduction

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LEED Certification Project Checklist – Water Efficiency

Water Efficient Landscaping, Reduce by 50%

Water Efficient Landscaping, No Potable Use or No Irrigation

Innovative Wastewater Technologies

Water Use Reduction, 20% Reduction

Water Use Reduction, 30% Reduction

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LEED Certification Project Checklist – Energy and Atmosphere

Fundamental Building Systems Commissioning	(Required)
Minimum Energy Performance	(Required)
CFC Reduction in HVAC&R Equipment	(Required)
Optimize Energy Performance	
Renewable Energy, 5%	
Renewable Energy, 10%	
Renewable Energy, 20%	
Additional Commissioning	
Ozone Depletion	
Measurement & Verification	
Green Power	

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LEED Certification Project Checklist – Materials and Resources

Storage & Collection of Recyclables (Required)

Building Reuse, Maintain 75% of Existing Shell

Building Reuse, Maintain 100% of Shell

Building Reuse, Maintain 100% Shell & 50% Non-Shell

Construction Waste Management, Divert 50%

Construction Waste Management, Divert 75%

Resource Reuse, Specify 5%

Resource Reuse, Specify 10%

Recycled Content, Specify 5% (post-consumer + $\frac{1}{2}$ post-industrial)

Recycled Content, Specify 10% (post-consumer + $\frac{1}{2}$ post-industrial)

Local/Regional Materials, 20% Manufactured Locally

Local/Regional Materials, of 20% Above, 50% Harvested Locally

Rapidly Renewable Materials

Certified Wood

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LEED Certification Project Checklist – Indoor Environment Quality

Minimum IAQ Performance (Required)

Environmental Tobacco Smoke (ETS) Control (Required)

Carbon Dioxide (CO₂) Monitoring

Ventilation Effectiveness

Construction IAQ Management Plan, During Construction

Construction IAQ Management Plan, Before Occupancy

Low-Emitting Materials, Adhesives & Sealants

Low-Emitting Materials, Paints

Low-Emitting Materials, Carpet

Low-Emitting Materials, Composite Wood & Agrifiber

Indoor Chemical & Pollutant Source Control

Controllability of Systems, Perimeter

Controllability of Systems, Non-Perimeter

Thermal Comfort, Comply with ASHRAE 55-1992

Thermal Comfort, Permanent Monitoring System

Daylight & Views, Daylight 75% of Spaces

Daylight & Views, Views for 90% of Spaces

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LEED Certification Project Checklist – Innovation & Design Process

Innovation in Design: Green School Program

Innovation in Design: Green Housekeeping

Innovation in Design: Regional Materials

Innovation in Design: Heat Islands – Non Roof

LEED™ Accredited Professional

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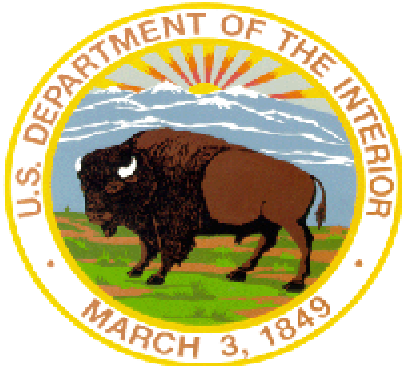
School Project received a LEED Rating of 27 points = Certified

1st LEED Certified Building in New Mexico

Value Engineering Study enhanced D-B team efforts by targeting specific LEED options to be incorporated into project.

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